

Converting Colors

YUV(18.7700, 5.5364, -2.4293)

Have a look what the booklet for
YUV(18.7700, 5.5364, -2.4293)
contains.

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Color

**YUV(18.7700, 5.5364,
-2.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	10121E
RGB	16, 18, 30
RGB Percent	6%, 7%, 12%
CMY	0.9373, 0.9294, 0.8824
CMYK	0.47, 0.40, 0.00, 0.88
HSL	231°, 30%, 9%
HSV	231°, 47%, 12%
XYZ	0.6643, 0.6365, 1.3161
YIQ	18.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

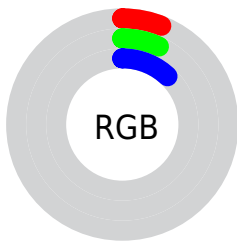
Format	Color
R_{YB}	16, 18, 30
Decimal	1053214
CIE Lab	5.75, 2.43, -8.40
CIE LCh	6, 8.745, 286.142
Yxy	0.6365, 0.2539, 0.2432
Android (android.graphics.Color)	4279243294 (0xFF10121E)
YUV	18.7700, 5.5364, -2.4293
Hunter-Lab	7.9782, 0.9018, -4.1962

Details

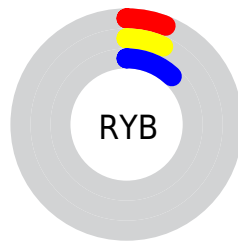
The YUV color **18.7700, 5.5364, -2.4293** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.2300, -5.5364, 2.4293**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.9980, 6.4100, -2.6292**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.1120, 6.8468, -2.7292**, and if you desaturate by 10%, it is **21.4280, 4.2260, -2.1294**.

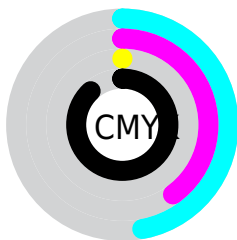
Distribution



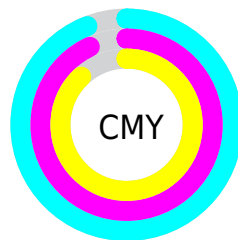
- Red (6%)
- Green (7%)
- Blue (12%)



- Red (6%)
- Yellow (7%)
- Blue (12%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)
- Black (88%)



- Cyan (94%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7700, 5.5364, -2.4293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 18.7700, 5.5364, -2.4293 by changing the saturation by 10% instead.

■ 18.7700, 5.5364,
-2.4293

■ 18.7700, 5.5364,
-2.4293

■ 242.8840, 5.9732,
-2.5293

■ 0.3420, 1.3104,
-0.2999

■ 60.9980, 6.4100,
-2.6292

■ 0.0000, 0.0000,
0.0000

■ 83.9980, 6.4100,
-2.6292

■ 108.9980, 6.4100,
-2.6292

■ 134.1120, 6.8468,
-2.7292

■ 160.2260, 7.2836,
-2.8292

■ 187.2260, 7.2836,

-2.8292

■ 214.9270, 7.4310,
-3.4440

■ 18.7700, 5.5364,
-2.4293

■ 18.7700, 5.5364,
-2.4293

■ 16.1120, 6.8468,
-2.7292

■ 21.4280, 4.2260,
-2.1294

■ 14.0410, 7.8678,
-3.5440

■ 23.4990, 3.2050,
-1.3146

■ 11.3830, 9.1782,
-3.8439

■ 26.1570, 1.8946,
-1.0147

■ 9.3120, 10.1992,
-4.6586

■ 28.2280, 0.8736,
-0.2000

■ 6.6540, 11.5096,
-4.9586

■ 30.8860, -0.4368,
0.1000

■ 5.7680, 11.9464,
-5.0585

■ 32.9570, -1.4578,
0.9147

■ 35.6150, -2.7682,
1.2146

■ 38.2730, -4.0786,
1.5146

■ 40.3440, -5.0996,
2.3293

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.6550, 6.5791, -10.2214



18.7700, 5.5364, -2.4293



19.6460, 3.6255, 3.8185

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7700, 5.5364, -2.4293



18.7580, -6.2897, 10.7362



15.5100, -0.2514, -12.7253

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.7700, 5.5364, -2.4293



27.2300, -5.5364, 2.4293

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.3000, -5.0779, -4.6481



18.7700, 5.5364, -2.4293



18.0520, -8.8996, 7.8474

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



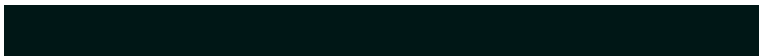
18.7700, 5.5364, -2.4293



19.1970, -2.0691, 10.3512



17.4320, -8.5940, 3.1291



16.0090, 2.9536, -14.0399

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.7700, 5.5364, -2.4293



19.3260, 2.3043, 7.6071



17.4320, -8.5940, 3.1291



15.4780, -1.7147, -10.0662

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.7700, 5.5364, -2.4293



34.1570, 1.8946, -1.0147



25.5860, 1.1901, -8.4069



17.3420, 1.3104, -0.2999



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.7700, 5.5364, -2.4293



21.1550, 8.3046, -3.6439



19.0910, 5.3781, 1.6742



14.1140, 0.4368, -0.1000



15.4630, 31.3237, -13.5611



41.2080, 81.7355, -36.1394

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.4140, -1.1901, 8.4069



23.6210, -1.7852, 12.6104



26.9090, -5.3781, -1.6742



14.2990, -0.1474, 0.6148



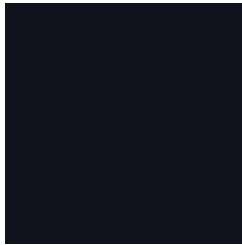
24.8750, -6.8404, 47.4676



65.3130, -17.4093, 124.2595

Previews

White Background



This preview shows how the YUV color 18.7700, 5.5364, -2.4293 looks on a white background.

Color Contrast Check

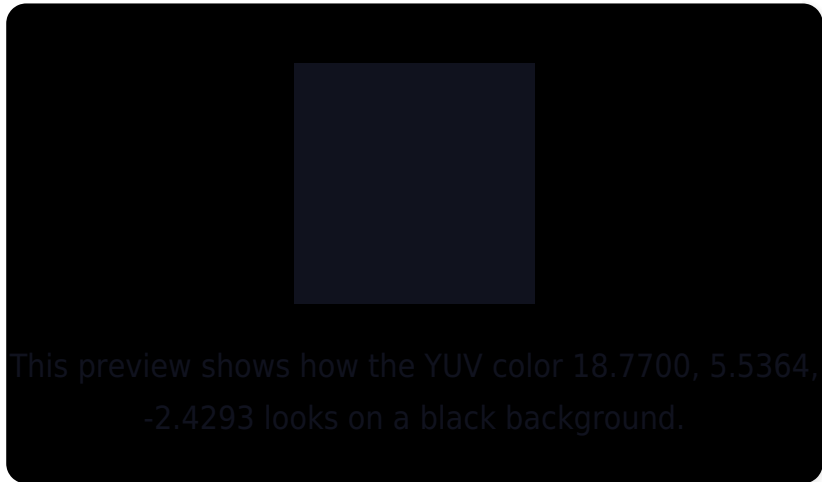
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

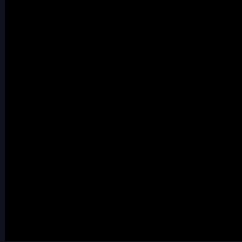
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

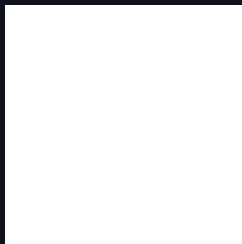
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 18.7700, 5.5364, -2.4293

Background



This preview shows how black text looks on a background with the YUV color 18.7700, 5.5364, -2.4293.



This preview shows how white text looks on a background with the YUV color 18.7700, 5.5364,

-2.4293.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.7700, 5.5364, -2.4293

Protanopia

18.1720, 5.8312, -3.6588

Deuteranopia

18.4600, 5.6892, -4.7884



Tritanopia

18.3200, 1.3212, -3.7886

Trichromacy



Original Color

18.7700, 5.5364, -2.4293

Protanomaly

18.4710, 5.6838, -3.0441

Deuteranomaly

18.7590, 5.5418, -4.1736

Tritanomaly

18.3740, 2.7736, -2.9590

Monochromacy



Original Color

18.7700, 5.5364, -2.4293

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7700, 5.5364, -2.4293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(16, 18, 30)` looks like.

```
.text, #text, p{  
    color:rgb(16, 18, 30)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(16, 18, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 18, 30) }
```

Border

The CSS property to change the border of an element to YUV 18.7700, 5.5364, -2.4293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 18, 30) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(16, 18, 30) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(16, 18, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 18, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 18, 30);  
box-shadow:4px 4px 4px 4px rgb(16, 18, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.7700, 5.5364, -2.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 18, 30) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(16, 18,  
30) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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